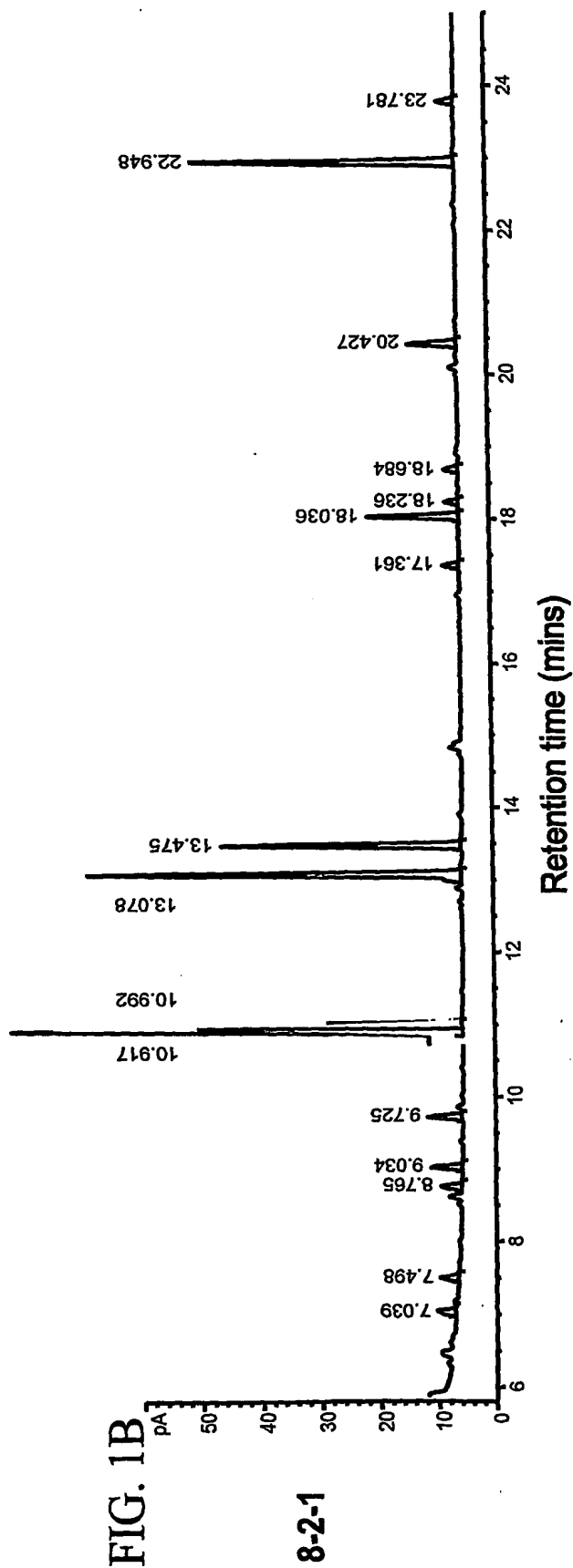
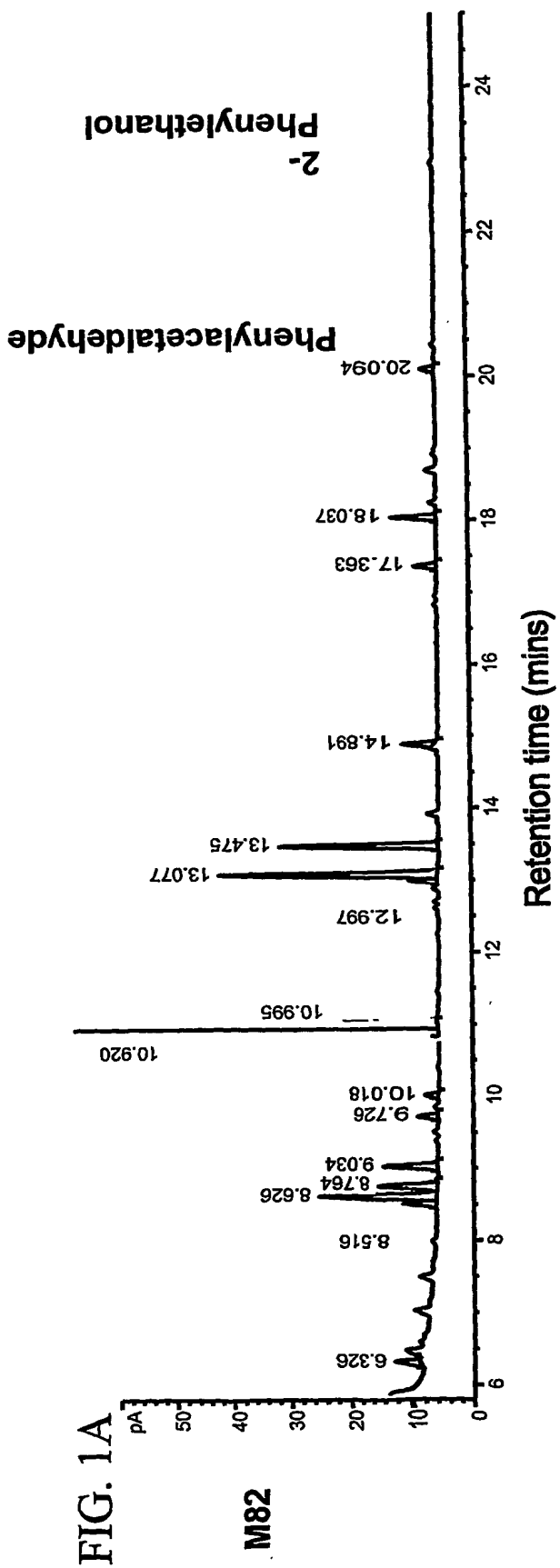


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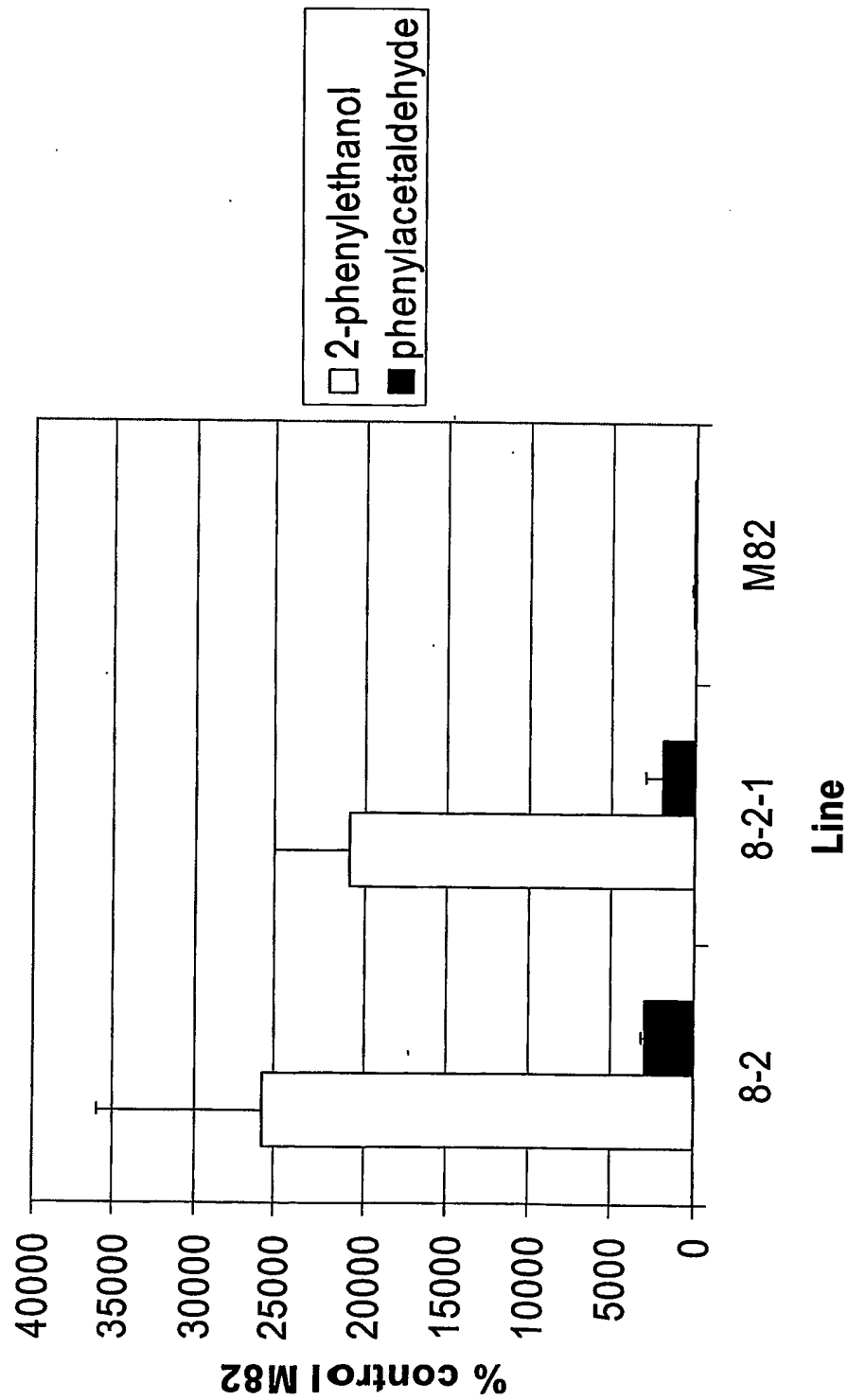


FIG. 2

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1  GCCCTTCTAA TACGACTCAC TATAGGGCAA GCAGTGGTAA CAACGCAGAG
51  TACGCGGGG AAGGATAATC TCTCAAAATTA CTTTCTTTT TTTTCCCTATC
101  AATTCTTTAT ACCAAAATAA TATTATTGTT TTTTCTCCT CTGTTTCTGC
151  TTCGTATTTT TCGTGAGAGA AATGAGTGTG ACAGCGAAAA CAGTGTGTGT
201  AACAGGAGCT TCAGGTTACA TAGCTTCATG GCTAGTCAAA TTCTTGCTAC
251  ATAGTGGTTA CAAATGTGAAG GCTTCTGTTT GTGATCCAAA TGATCCCAAG
301  AAAACGCAGC ACTTGCTTTC TCTTGGTGGG GCCAAGGAGA GGCTTCACCT
351  GTTCAAAAGCA AACCTATTAG AAGAAGGTTT ATTGATGCT GTAGTTGATG
401  GATGTGAAGG TGTATTCAT ACAGCGTCTC CTTTTACTA CTCTGTTACA
451  GACCCACAGG CTGAATTACT TGATCCTGCT GTTAAGGAA CACTCAATCT
501  TCTCGGGTCA TGTGCCAAAG CACCATCAGT AAAACGAGTT GTTTTAACT
551  CTTCCATAGC TGCAGTTGCT TACAGTGGTC AGCCTCGGAC ACCTGAGGTT
601  GTGGTTGATG AGAGCTGGTG GACCAGTCCA GACTACTGCA AAGAAAAACA
651  GCTCTGGTAT GTCTCTCAA AGACATTGGC TGAGGATGCT GCGTGGAACT
701  TTGTGAAGGA GAAAGGCATT GATATGGTTG TAGTAAACCC TGCTATGGTT
751  ATTGGTCCTC TGTACAGCC TACACTTAAT ACCAGTTCTG CTGCAGTCTT
801  GAGCTTGGTA AATGGTGCTG AGACATACCC AAATTCCTCT TTTGGGTGGG
851  TTAACGTGAA AGATGTTGCA AATGCACATA TTCCTGCATT TGAGAACCCCT
901  TCAGCTAATG GGAGATACTT AATGGTTGAG AGGTTGCAC ACTATTCTGA
951  TATATTGAAG ATATTGCGTG ACCTTTATCC TACTATGCAA CTTCCAGAAA
1001 AGTGTGCTGA TGACAAACCA TTGATGCAAA ATTATCAAGT ATCAAAGGAG
1051 AAGGCAAAA GCTTGGGTAT TGAGTTTACT ACCCTTGAAG AAAGCATCAA
1101 AGAAACTGTT GAAAGTTTGA AGGAAAAGAA GTTTTGTGGA GGTTCATCTT
1151 CTATGTAAAA GGCTTCTCAA AGCTTTTATG GTTTTGTGTA ACAATACTAC
1201 CCACCCACC CTACCCCTACA CACTTTTTT TTTTACTTCT TTTAGCTAAT
1251 TATAGAATCA AGAAGTCGAA TGGTATATCC GTTAATAAAT TTCGATCAGA
1301 TGAGGTTGAA ATTTGTTCTA TATCTAGAGA TTTTACAGA CTGGTTTGAT
1351 AGAAAAAAA AAAAAA (SEQ ID NO: 1)

```

FIG. 3A

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1 MSVTAKTVCV TGASGYIASW LVKELLHSGY NVKASVRDPN DPKKTQHLLS
51 LGGAKERLHL FKANLLEEGS FDAVVDGCEG VFHTASPFYY SVTDPQAEEL
101 DPAVKGTINL LGSCAKAPSV KRVVLTSSIA AVAYSGQPRT PEVVVDESWW
151 TSPDYCKEKQ LWYVLSKTLA EDAAWKFVKE KGIDMVVVNP AMVIGPLLQP
201 TLNTSSAAVL SLVNGAETYP NSSFGWVNVK DVANAHILAF ENPSANGRYL
251 MVERVAHYSD ILKILRDLYP TMQLPEKCAD DNPLMQNYQV SKEKAKSLGI
301 EFTTLEESIK ETVESLKEKK FFGGSSSM (SEQ ID NO: 2)

FIG. 3B

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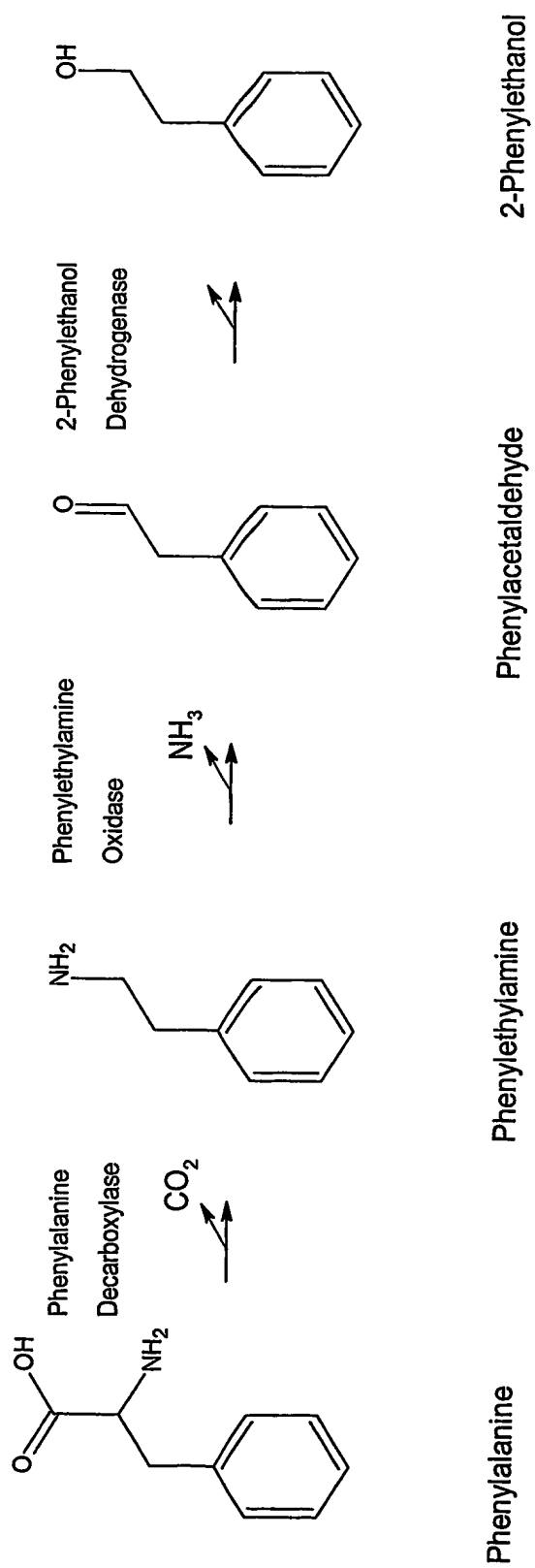


FIG. 4

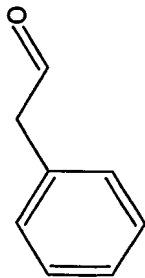


FIG. 5A-1

Phenylacetaldehyde

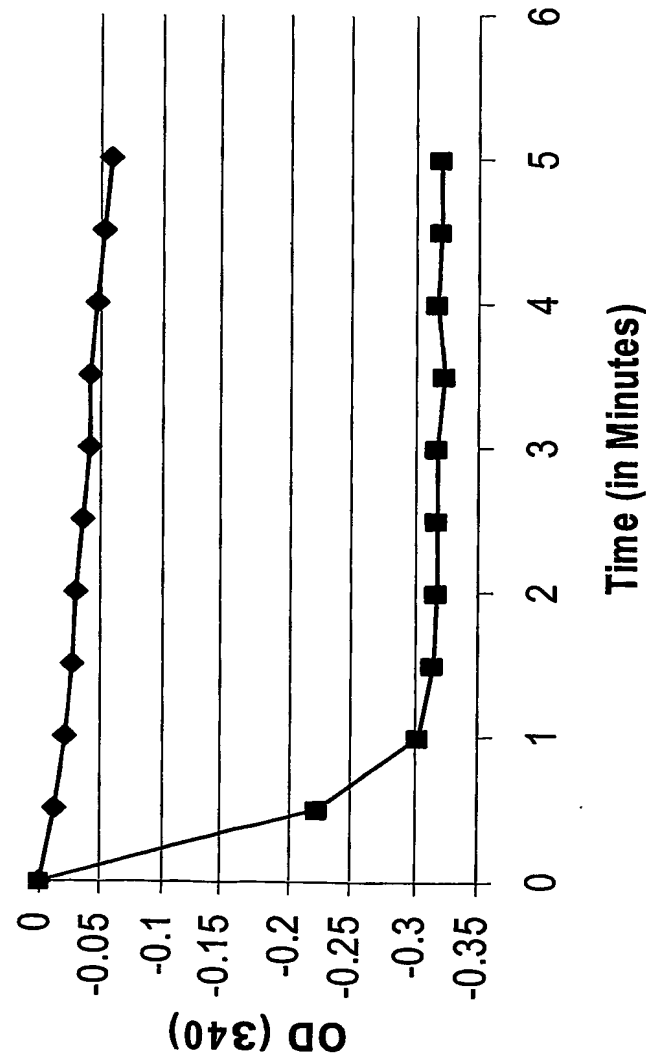


FIG. 5A

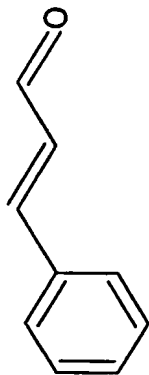


FIG. 5B-1

Cinnamaldehyde

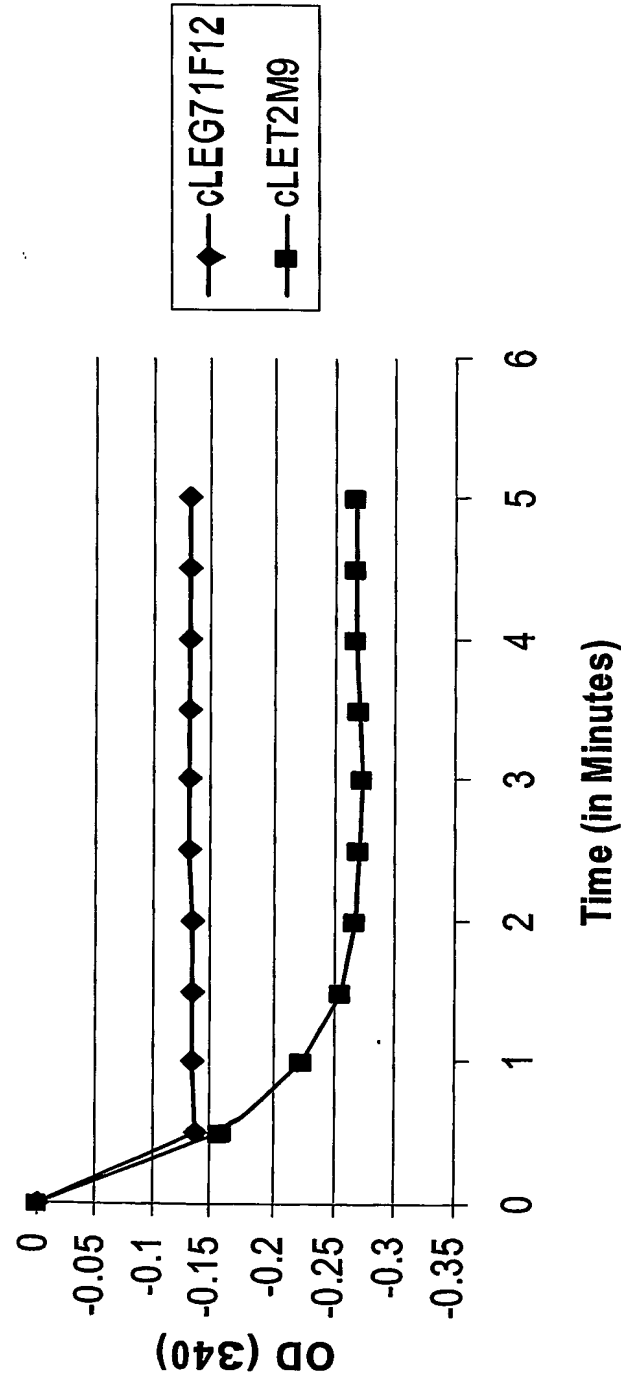


FIG. 5B

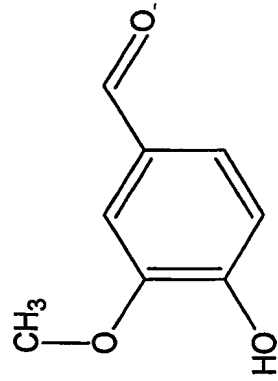


FIG. 5C-1

Vanillin

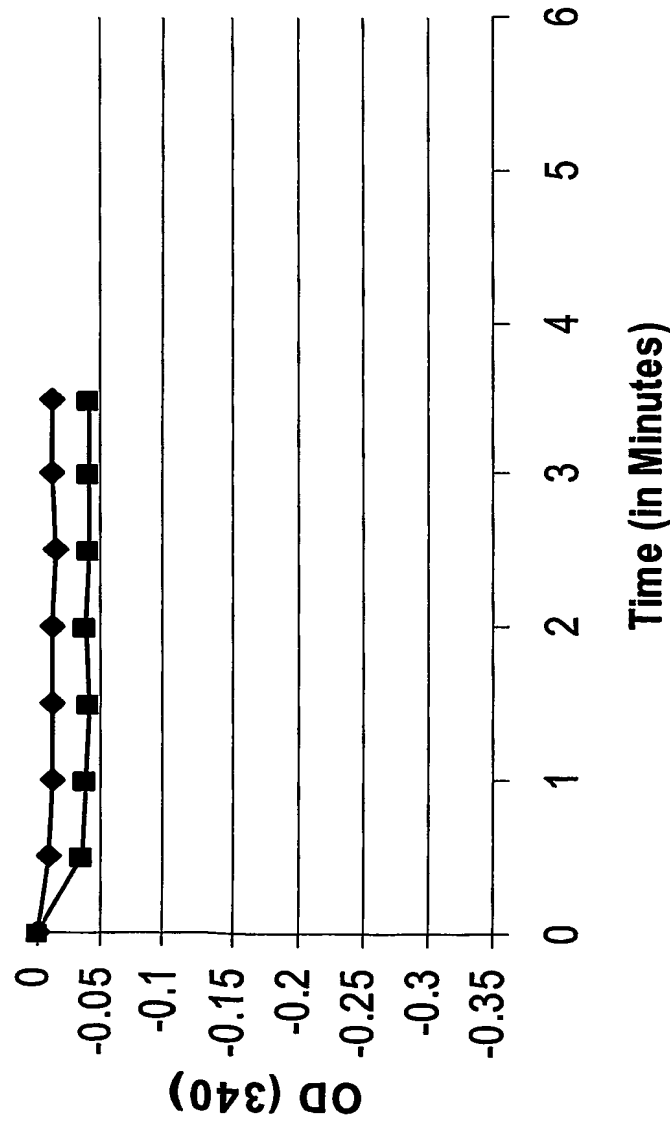


FIG. 5C

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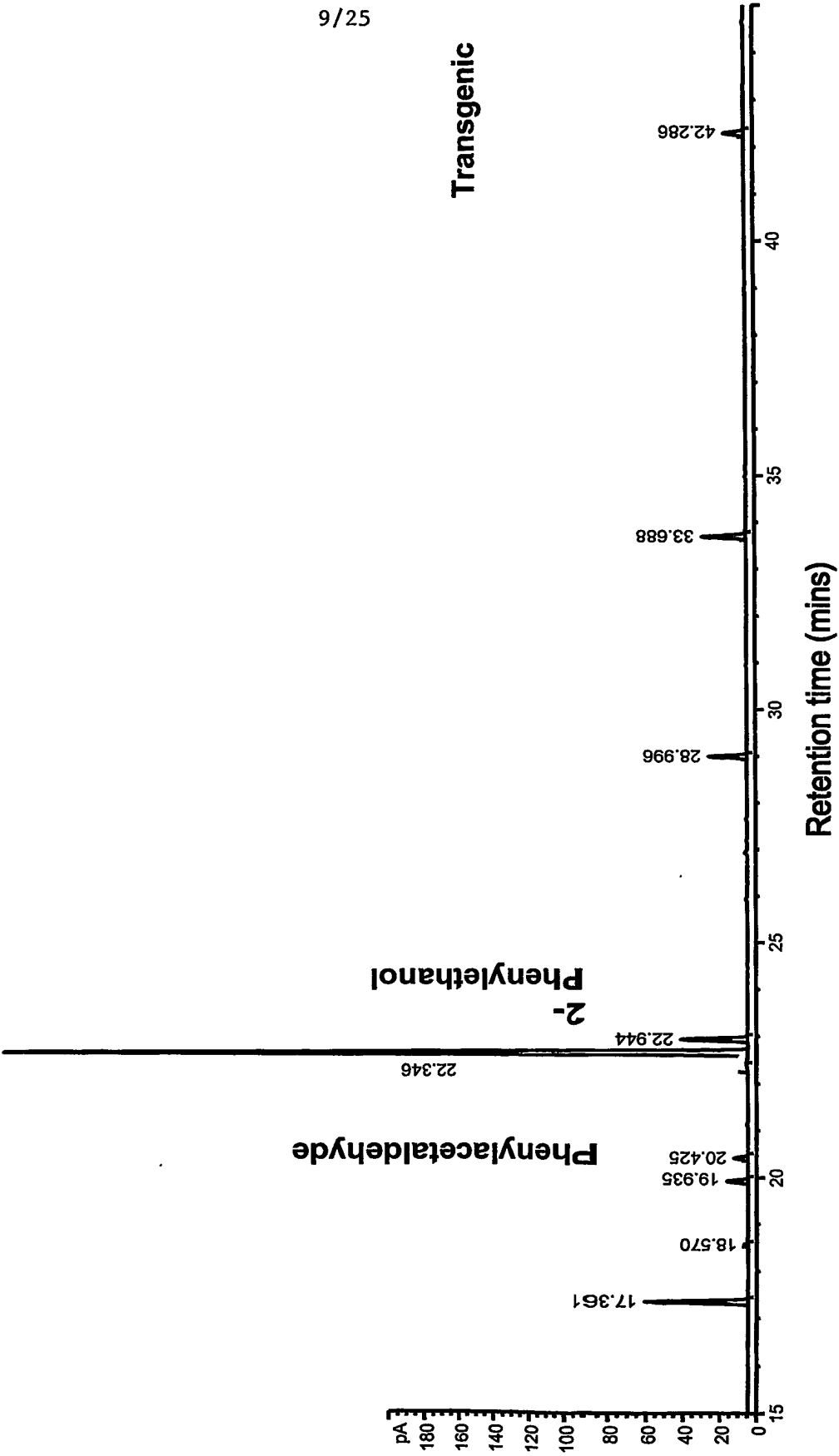


FIG. 6A

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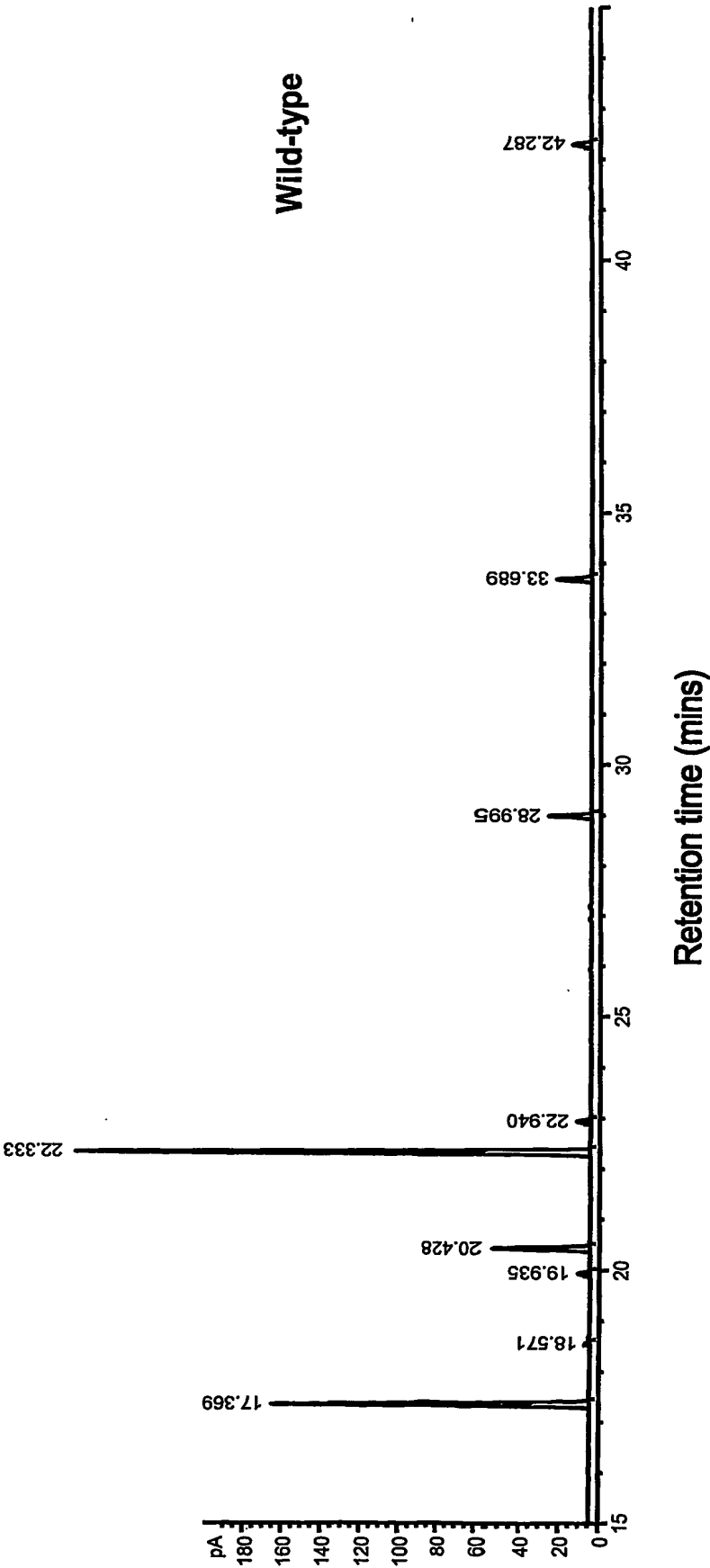
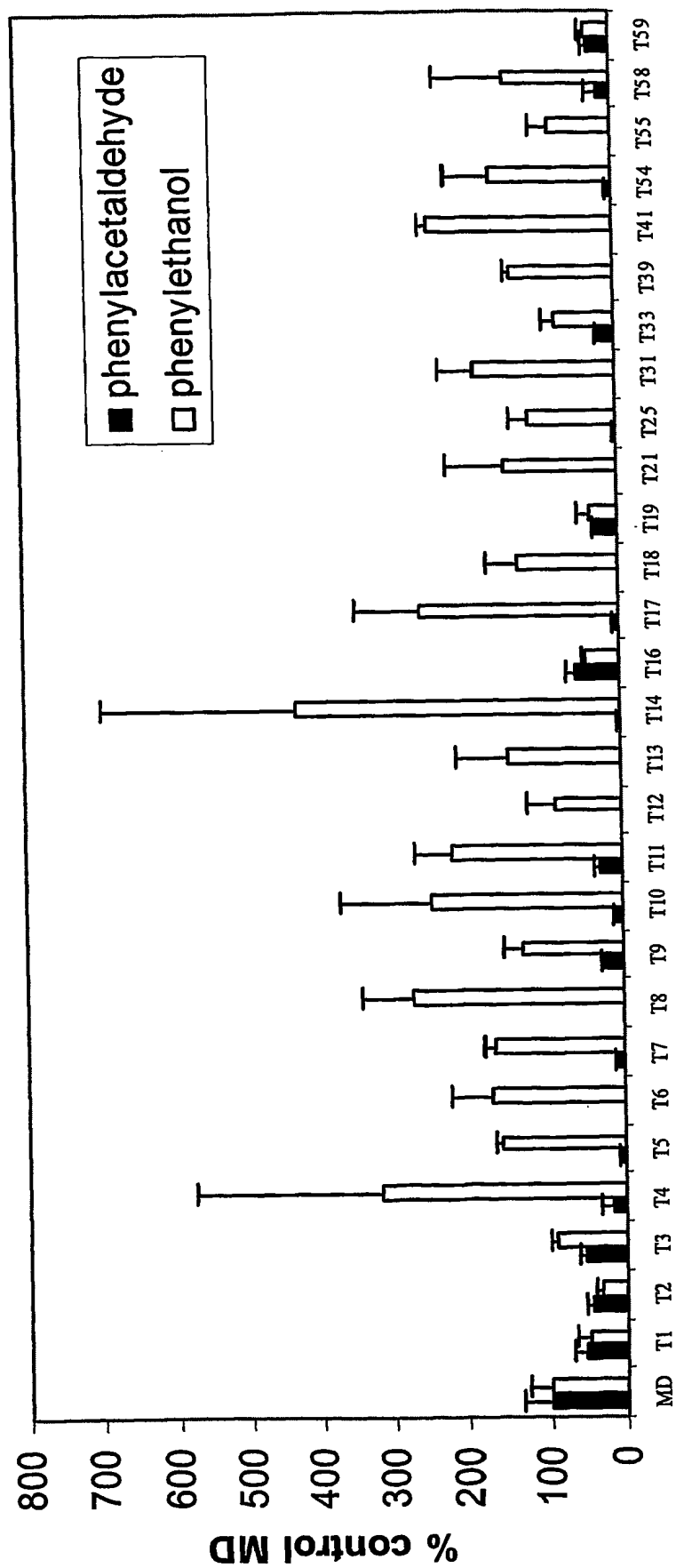


FIG. 6B

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Line

FIG. 7

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1 ATGGGAAGTT TATCATTGA GAAGGATTTT GAGCCATCAG CAATTACTCC
51 AAGAGGATTA GCACCACCTG GATTAAATTGT AAATGGTGAT TTTGGTGAAA
101 TGATGAGACT TAAGGTGTCA TCAACACCAA CAACACCAAG AAAAAACTTG
151 AATCTTTCAG TGACGGAGCC AGGAAAAAT GATGGACCTA GTTTGGATTG
201 TACATTGATG AATTATATTG ATACACTCAC CCAACGTATC AACTATCATA
251 TCGGTTATCC AGTTAACATA TGTATGAGC ACTATGCTAA TTTAGCCCCA
301 CTTTACAAAT TTCATTTAAA TAATTGTGGT GATCCATTTC TTCAAAAATAC
351 TGTGGATTTT CATTCAAAGG ATTTTGAAGT GGCTGTTTTA AATTGGTTTG
401 CTGATTTATG GGAATTTGAA AGAGATCAAT ATTGGGGCTA TGTAAACAAAT
451 GGTGGTACTG AAGGAAATTT ACATGGCAAT TTGGTTGGGA GAGAATTGTT
501 TCCAGATGGA ATTTTATATG CATCAAAAGA CTCTCATTAC TCAGTGGCTA
551 AGCAGCAAT GATGTATAGA ATGGATTTTG AAAATATTAA CGCATCAATA
601 AATGGAGAAA TCGATTATTC TGATTTGAAA GTTAAATTAC TTCAAAAACAA
651 GGGAAAACCA GCGATAATTA ATGTTACAAT TGGCCTACT TTTAAAGGAG
701 CTGTTGATGA TCTTGATGTT ATTCTTCAA TACTTGAAGA GTGTGGTTAC
751 ACACGAGATC AATTTTATAT TCATTGTGAT GCAGCACTAA ATGGACTTAT
801 TATTCCCTTT ATTA AAAATA TGATTACTTT CAAGAAGCCA ATTGGAAGTG
851 TGACAAATTC TGGTCACAAAG TTTTGGGGAT GTCCAATGCC TTGTGGAGTT
901 CAAATAACAA GGAAGGTTA CATTAAATAC CTTTCGAGAA GAGTCGAATA
951 TATTGCTTCT GTGGATGCTA CAATTCTGG AAGTCGAAAT GGTTCGACTC
1001 CGATCTTCTT ATGGTACAGT ATAAGTGCTA AAGTCAAAT TGGTTTTCAG
1051 AAAGACGTTA AGAGATGTTT TGACAATGCT AAGTACTGA AAGACCGTCT
1101 TCAGCAAGCA GGAATCAGCG TCATGCTGAA TGAGCTTAGC ATCATAGTTG
1151 TCCTCGAGAG GCCTCGTGAC CATGAATCG TTCGTCTGTT GCAATTATCT
1201 TGTGTGAGAG ATATGGCACA TGTATTGTT ATGCCAGGCA TAACTAGAGA
1251 AACTCTTGAT GGTTTTATTA ATGATTGCT TCAACAAAGG AAAAAATGGT
1301 ATCAAGATGG AAGAATTAGC CCTCCTTGTG TTGCAAAATGA TATTGGTGCT
1351 CAAAATTGTG CTTGCTCTTA TCATAAAATT GATTACATTA TTGCTTAG (SEQ ID NO: 4)

FIG. 8A

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1 MGSLSFEKDF EPSAITPRGL APPGLIVNGD FGEMRLKVS STPTTPRKNI
51 NLSVTEPGKN DGPSLDCTLM NYIDTLTQRI NYHIGYPVNI CYEHYANLAP
101 LLQFHLNCG DPFLQNTVDF HSKDFEVAVL NWFADLWEIE RDQYWGYYTN
151 GGTEGNLHGI LVGRELFDPG ILYASKDSHY SVAKAAMMYR MDFENINASI
201 NGEIDYSDLK VKLLQNKGP AIINVTIGTT FKGAVDDL DV ILQILEECGY
251 TRDQFYIHCD AALNGLIIPF IKNMITFKKP IGSVTISGHK FLGCPMPCGV
301 QITRKSINN LSRREYIAS VDATISGRN GLTPIFLWYS ISAKGQIGFQ
351 KDVKRCFDNA KYLKDRLOQA GISVMINELS IIVVLERPRD HEFVRRWQLS
401 CVRDMAHVIV MPGITRETLD GFINDLLQQR KKWYQDGRIS PPCVANDIGA
451 QNCACSYHKI DYIIA (SEQ ID NO: 5)

FIG. 8B

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1  ATGGGTAGTC TCTCACTTGA AATGGATTTT GAGCCATCAC CCATGACACC
51  CAGAAAGTTTA GCAGCGATGA CACCTAGAAG TTTAGCGCGA CGACGATTGT
101 TTCCGAACGT GGACAACAAG AAACAGAAAA TGGCACAACC AGGTGCAGGA
151 CCAAGGAAGA ACTTGGAAC TGAAGTCATG GAGCCTGCAT TGAAGAATGA
201 TGGTCCCTTCT TTGGACACTA TCTTGGTTAA TTTATTGGAC ACACCTACAC
251 AACGAGTCAA TTATCATTTA GGTATCCAG TCAACATATG TTATGATCAC
301 TATGCAACGC TAGCACCACT TTTGCAGTTT CACCTAAACA ATTGTGGTGA
351 TCCTTTTCCTA CAAAATACTG TCGATTTCCA TTCTAAAAGAC TTTGAAAGTGG
401 CTGTTTGTGAA TTGGTTTGCA AAACTTTGGG AAATTGAAAA GGATCAATAT
451 TGGGGATATG TTACCAATGG TGGCACCGAA GGCAATCTCC ATGGTATTTT
501 GTTAGGGAGA GAGCTACTTC CTGAAGGAAT ATTATATGCA TCAAAAAGACT
551 CTCATTACTC AGTATTCAAA GCTGCAAGAA TGTATAGAAT GGATTCAGAA
601 ACAATCAACA CATCAGTAAA TGGAGAGATG GATTATTGAG ATTTAAGAGC
651 AAAGTTACTT CAAAATAAGG ATAAACCAGC TATTATAAAT GTCACAATTG
701 GAAC TACATT CAAAGGAGCA ATCGATGACC TGGATGTTAT TCTTGAAAAA
751 CTCAAAAGAAT GTGGCTATTC ACAAGATCGA TTTTACATTC ACTGTGATGC
801 AGCACTATGT GGTCTTATGA CCCCTTTTAT AAACAATATG ATTAGTTTCA
851 AGAAGCCCAAT TGGAAAGTGC ACAATTTC TG GACACAAGTT TTTGGGATGT
901 CCAATGCCCTT GTGGTGTCCA AATAACAAGA AAAAGCTACA TCAATAATCT
951 CTCACAACAA GTGGAATACA TTGCTTCTGT GGATGCCACT ATTTCTGGTA
1001 GCCGTAACGG TTAAACTCCA ATTTTCTTTAT GGTATAGCTT GAGCGCAAAA
1051 GGTC AAGTTG GACTTC AAAA GGATGTTTAA AGATGTCCTG ACAATGCCAA
1101 ATATTGAAA GATCGTCTTC AAC AAGCAGG GATAAGTGTG ATGCTGAATG
1151 AGCTAAGCAT CATAGTTGTA CTTGAAAAGC CTCGTGACCA TGAATTTGTG
1201 CGTCGTTGGC AACTCTCATG CGTCAAGGAT ATGGCACATG TTATTGTGAT
1251 GCCAGGAATC ACACGAGAAA TGCTTGACAA CTTCATGAGT GAATTAGTGC
1301 AACAAAAGAAA AGTATGGTAT CAAAATGGAA AGACTGATCC TCCTTGTGTT
1351 GGAGAGGATA TTGGTGTCTA AAATTGTGCA TGCTCTTATC ATAAGATTGA
1401 CTACATCTGT CCTTAG (SEQ ID NO: 6)

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FIG. 9A

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1 MGSLSLEMDF EPSPMTPRSL AAMTPRSLAR RRLFPNVNDK KQKMAQPGAG
51 PRKNLELEVMEPALKNDGPS LDTILVNYLD TLTQRVNYHL GYPVNICYDH
101 YATLAPLLQFHLNNCGDPFL QNTVDFHSD FEVAVLNWFA KLWEIEKQOY
151 WGYVTNGGTEGNLHGILLGR ELLPEGILYA SKDSHYSVFK AARMYRMDSE
201 TINTSVNGEMDYSDLRAKLL QNKDKPAIIN VTIGTTFKA IDDLDVILEI
251 LKECGYSQDRFYIHCDALC GLMTPFFINNM ISFKKPIGSV TISGHKFLGC
301 PMPCGVQITR KSYINNLSN VEYIASVDAT ISGSRNGLTP IFLWYSLSAK
351 GOVGLQKDVK RCLDNAKYLK DRLOQAGISV MLNELSIIV LERPRDHEFV
401 RRWQLSCVKD MAHVIVMPGI TREMLDNFMS ELVQQRKVWY QNGKTDPPCV
451 GEDIGAQNCA CSYHKIDYIC P (SEQ ID NO: 7)

FIG. 9B

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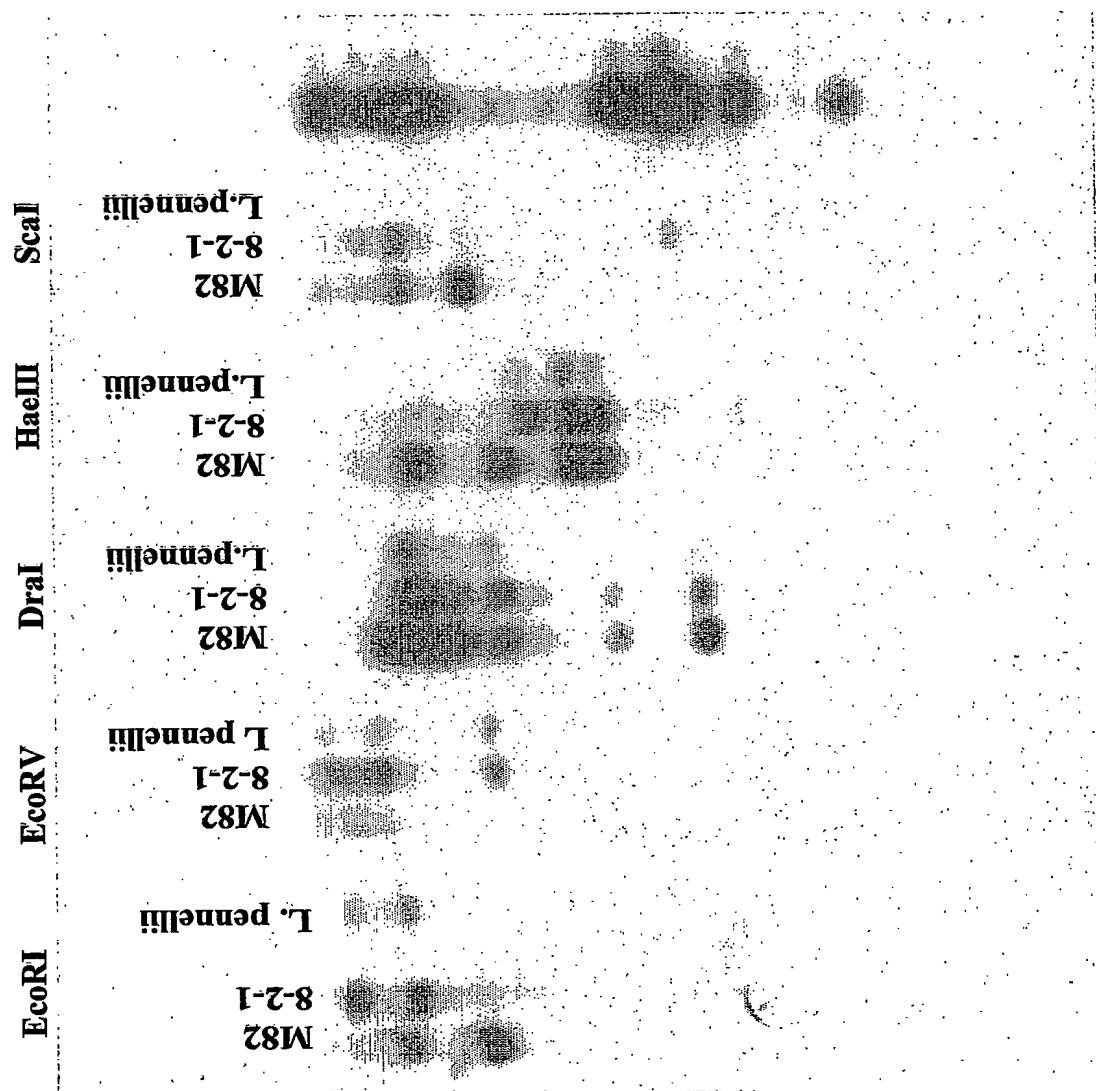


FIG. 10

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1 ATGGGTAGTC TCTCACTTGA AATGGATTTT GAGCCATCAC CTATGACACC
51 CAGAAGTTTA GCAGCGATGA CACCTAGAAG TTTAGCGCGG CGAAGATTGT
101 TTCCCAATGT GGACAACAAA AAACAAAAGG TGCAACAATC AGGTGCAGGG
151 CCAAGGAAGA ACTTACAAC TGAAGTCATG GAACCTGCAT TGAACCAATGC
201 TGGTCCCTCT TTGGACACTA TATTGGTCAA TTATTTAGAC ACACTTACAC
251 AACGAGTCAA TTATCATTTA GGTATCCAG TCAACATTTG TTATGATCAC
301 TATGCAACTT TAGCACCACT TTTACAGTTT CACCTAAACA ATTGTGGTGA
351 TCCTTTCCCTA CAAAACACTG TCGATTTCCA TTCTAAAGAC TTTGAAGTGG
401 CTGTTTTTGAA TTGGTTTGCA AAACATATGGG AAATTGAAAA GGATCAATAC
451 TGGGGATATG TTACCAATGG TGGCACCAGG GGCAATCTCC ATGGTATTTT
501 GTTAGGGAGA GAGCTACTTC CTGATGGAAT ATTATATGCG TCAAAAGACT
551 CTCACATATC GGTCTTCAA GCTGCAAGAA TGTATAGAAT GGATTCAGAA
601 ACAATCAACA CATCAGTAAA CCGAGAGATG GATTATTGAG ATTTAAGAGC
651 AAAGTTACTT CAAAATAAGG ATAAACCAGC TATTATAAAT GTCACAATTG
701 GAACCTACGTT CAAAGGAGCA ATCGATGACC TGGATGTTAT TCTTGAAACA
751 CTCAAAGAAAT GTGGCTATTC GCAAGATAGG TTTTACATCC ACTGTGATGC
801 TGCACATATG GGTCTTATGA CCCCTTTTAT AAACAATATG ATTAGTTTCA
851 AGAAGCCAAAT TGGAAAGTGC ACAATTTCTG GACACAAGTT TTTGGGATGT
901 CCAATGCCCTT GTGGTGTCCA AATTACAAGA AAGAGTTACA TCAATAATCT
951 CTCAACAAAAT GTGGAATACA TTGCTTCTGT CGATGCCACT ATTTCTGGCA
1001 GCCGTAACGG TTTAACTCCA ATTTTCTTGT GGTATAGCTT GAGCGCAAAA
1051 GGTCAAGTTG GACTTCAAAA GGATGTTAAA AGATGTCTCG ACAATGCCAA
1101 ATATTTGAAA GATCGTCTTC AAAAAGCAGG AATAAGTGC ATGTTAAATG
1151 AGCTTAGCAT CATAGTTGTA CTTGAAAAGG CTCGTGACCA TGAATTTGTC
1201 CGTCGTTGGC AACTCTCATG CGTCAAGGAT ATGGCACATG TTATTGTAAT
1251 GCCAGGCATC ACACGAGAAA TGCTTGACAA TTTACCGAGT GAATTAGTGC
1301 AACAAAAGAAA AGTATGGTAT CAAAATGGAC AGACCAATCC TCCTTGTGTT
1351 GGAGAGGATA TTGGTGCTCA AAATTGTGCA TGCTCTTATC ATAAGATTGA
1401 CTACATCTGT CCTTAG (SEQ ID NO: 8)

FIG. 11A

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1 MGSLSLEMDF EPSPMTPRSL AAMTPRSLAR RRLFPNVNDNK KQKVQQSGAG
51 PRKNLQLEVM EPALNNAGPS LDTILVNYLD TLTQRVNYHL GYPVNICYDH
101 YATLAPLLQF HLNCCGDPFL QNTVDFHSD FEVAVLNWFA KLWEIEKDQY
151 WGYVTNGGTE GNLHGILLGR ELLPDGILYA SKDSHYSVEK AARMYRMDSE
201 TINTSVNGEM DYSDLRAKLL QNKDKPAIIN VTIGTTFKGA IDDLDVILET
251 LKECGYSQDR FYIHCDAALC GLMTPFINNM ISFKKPIGSV TISGHKFLGC
301 PMPCGVQITR KSYINNLSIN VEYIASVDAT ISGSRNGLTP IFLWYSLSAK
351 GQVGLQKDVK RCLDNAKYLK DRLQKAGISV MLNELSIIVV LERPRDHEFV
401 RRWQLSCVKD MAHVIVMPGI TREMLDNFTS ELVQQRKVWY QNGQTNPPCV
451 GEDIGAQNCA CSYHKIDYIC P (SEQ ID NO: 9)

FIG. 11B

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251 300
Lp-cLEC73K23 LKECGYSQDR FYIHCDAALC GLMTPFFINNM ISFKKPIGSV TISGHKFLGC
Le-cLEC73K23 LKECGYSQDR FYIHCDAALC GLMTPFFINNM ISFKKPIGSV TISGHKFLGC
Le-cLEC75E21 LEECGYTRDQ FYIHCDAALN GLIIPFIKNM ITFKKPIGSV TISGHKFLGC

301 350
Lp-cLEC73K23 PMPCGVQITR KSYINNLSN VEYIASVDAT ISGSRNGLTP IFLWYSLSAK
Le-cLEC73K23 PMPCGVQITR KSYINNLSN VEYIASVDAT ISGSRNGLTP IFLWYSLSAK
Le-cLEC75E21 PMPCGVQITR KSYINNLSRR VEYIASVDAT ISGSRNGLTP IFLWYSLSAK

351 400
Lp-cLEC73K23 GQVGLQKDVK RCLDNAKYLK DRLQKAGISV MLNELSIIIV LERPRDHEFV
Le-cLEC73K23 GQVGLQKDVK RCLDNAKYLK DRLQKAGISV MLNELSIIIV LERPRDHEFV
Le-cLEC75E21 GQIGFQKDVK RCFDNAKYLK DRLQKAGISV MLNELSIIIV LERPRDHEFV

401 450
Lp-cLEC73K23 RRWQLSCVKD MAHVIVMPGI TREMLDNFTS ELVQQRKVWY QNGQTNPPCV
Le-cLEC73K23 RRWQLSCVKD MAHVIVMPGI TREMLDNFMS ELVQQRKVWY QNGKTDPPCV
Le-cLEC75E21 RRWQLSCVRD MAHVIVMPGI TRETLDGFN DLLQQRKKWY QDGRISPPCV

451 472
Lp-cLEC73K23 GEDIGAQNCA CSYHKIDYIC P (SEQ ID NO: 9)
Le-cLEC73K23 GEDIGAQNCA CSYHKIDYIC P (SEQ ID NO: 7)
Le-cLEC75E21 ANDIGAQNCA CSYHKIDYII A (SEQ ID NO: 5)

FIG. 12B

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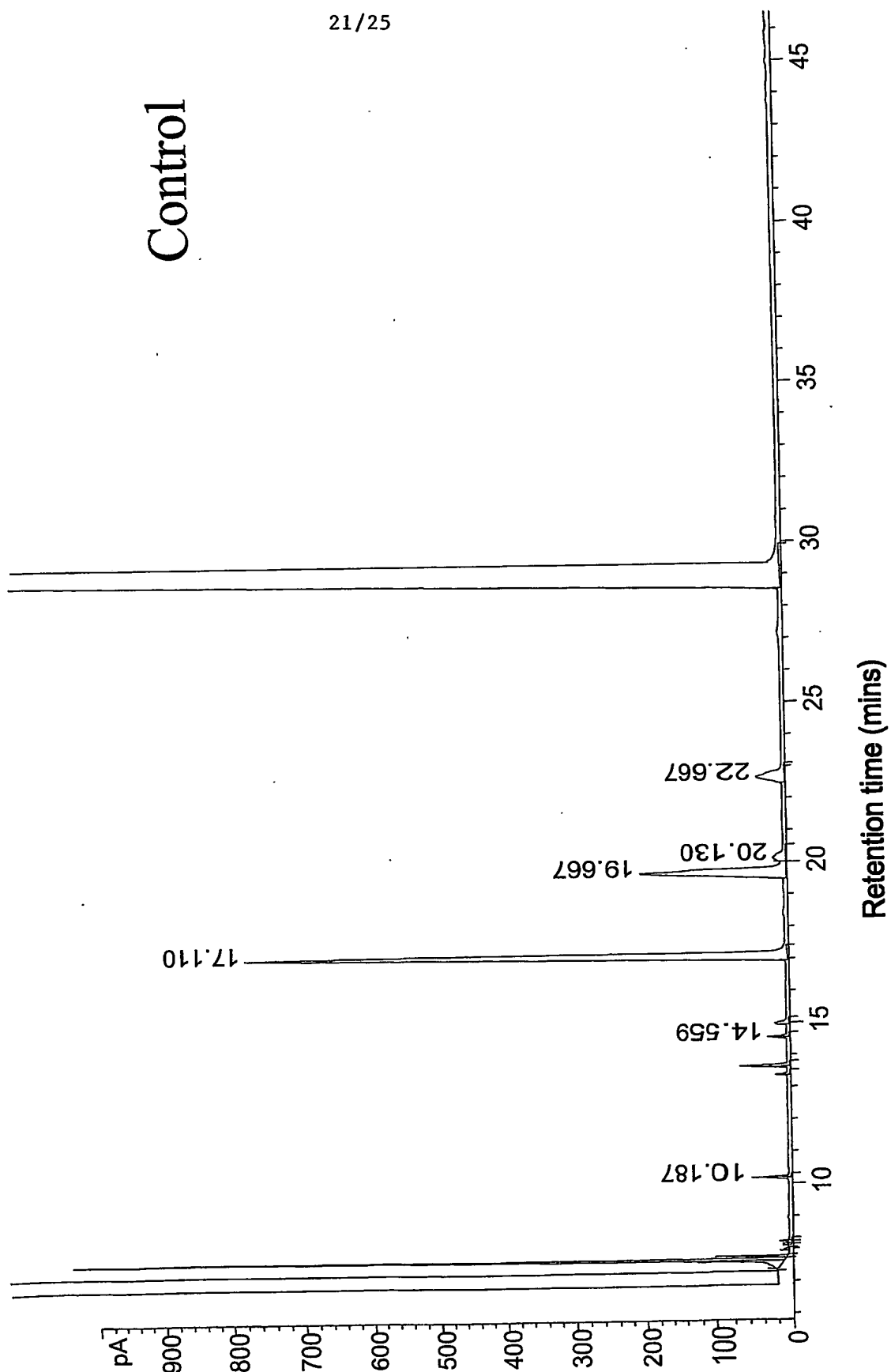


FIG. 13A

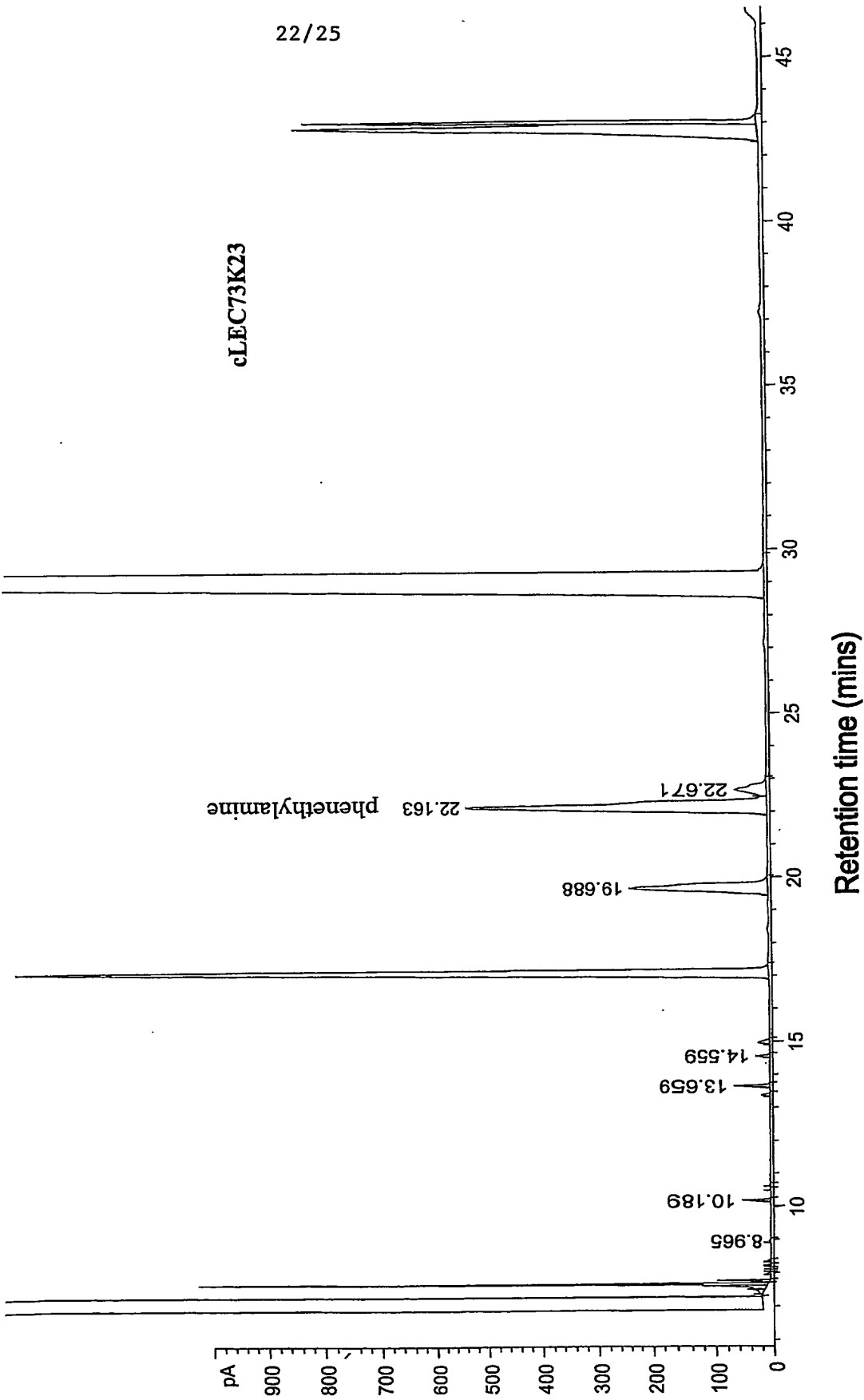


FIG. 13B

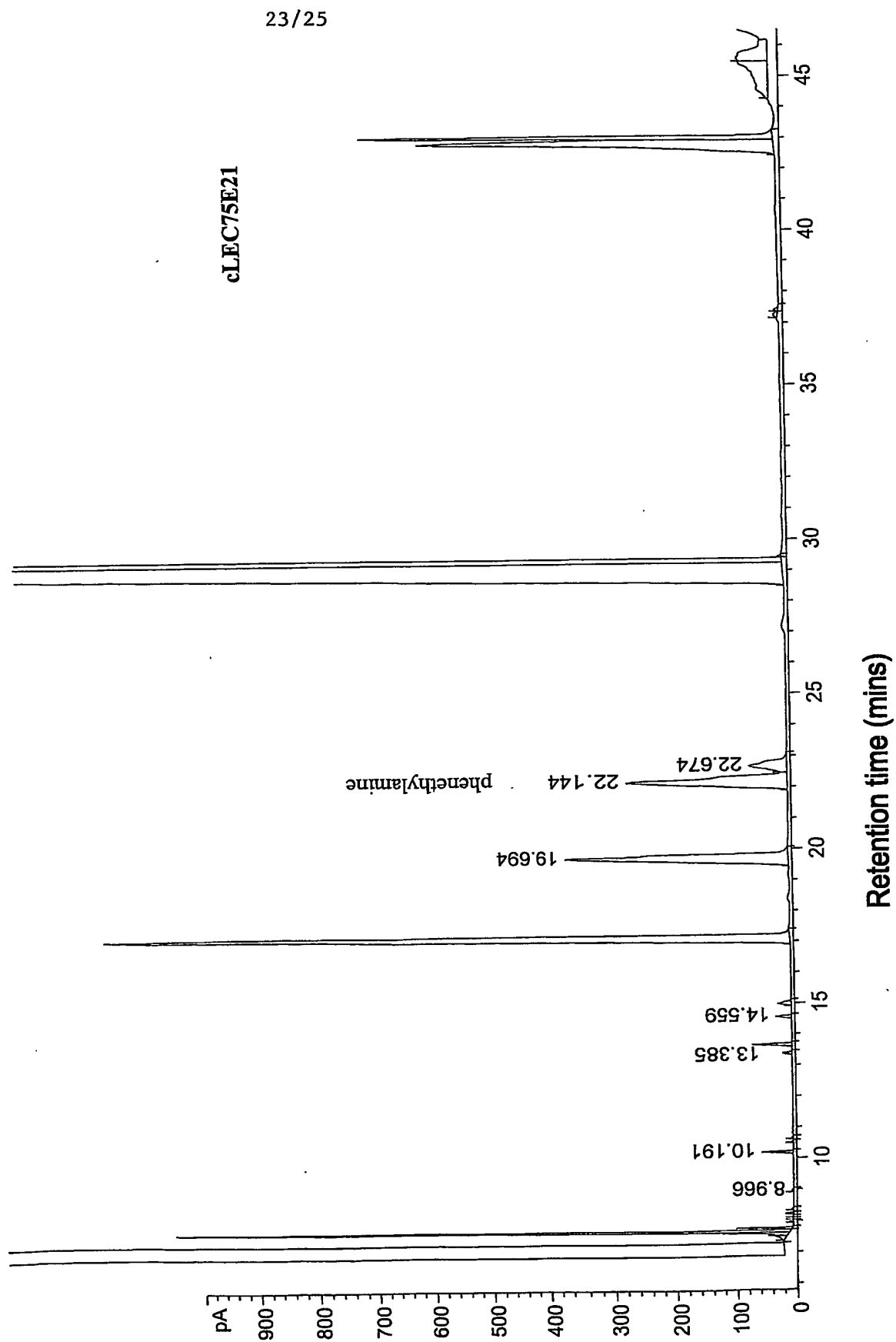


FIG. 13C

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1  ATGAGTAGTG TGGCAGGAC AAAAAAGTAA TGTGTAACAG GAGCATCAGG
51  ATACATAGCA TCATGGCTTG TCAATTTCCT GCTTCAACGT GGTTCACACTG
101  TTAAAGCCTC CGTTCGTGAC CCAATGATC CCAAGAAAAC ACAGCATTTG
151  ATCTCGTTAG GTGGGGCCAA GGAGAGGCTT CACTTGTTC AAGCAAAACCT
201  TTTAGAAGAG GGTTCCTTTG ATGCTGTGGT TGATGGATGT GAAGTGTAT
251  TCCATACAGC ATCACCTTTT TACTACTCTG TTACAGACCC ACAGGCTGAA
301  TTACTTGATC CAGCTGTTAA GGGGACACTC AATCTTCTCG GTTCATGTGC
351  CAAAGCACCA TCAGTAAAC GTGTGGTTT AACATCTTCC ATAGCTGCAG
401  TTGCTTATAG TGGTGAGCCT CGGACACCTG AGTTTGTGGT TGATGAGAGT
451  TGGTGGACTA GTCCAGACTA CTGCAGAGAA AAGCAGCTCT GGTATGTTCT
501  CTCAAAGACA TTAGCTGAGG ATGCTGCCCTG GAAGTTTGTG AAGGAGAAAG
551  GCATTGATAT GGTTGCAATA AATCCTGCTA TGGTTATTGG TCCTTTGTTA
601  CAGCCTACCC TTAATACCAG TTCTGCTGCA GTCTTGAACT TGGTAAATGG
651  TGCCGAGACA TACCCAAATG CTACCTTTGG GTGGGTTAAT GTCAAAGATG
701  TTGCAAATGC ACATATTCTT GCATTTGAGA ACCCTTCAGC TAATGGGAGA
751  TATTTGATGG TTGAGAGAGT TGCACACTAT TCTGATATAC TGAAGATATT
801  ACGTGAACTT TATCCTACAA TGGGACTTCC AGAAAAGTGT GCTGATGACA
851  ATCCATTGAT GCAAAACTAT CAAGTATCAA AAGAAAGGGC AAAAAGCTTG
901  GGC GTTGAAT TTA CTCCCCT TGAAGAAAGC ATCAAAGAAA CTGTTGAAAG
951  CTTGAAGGAA AAGAAGTTTT TTGGAGGCTC ATCTGCTATG TGA (SEQ ID NO: 10)

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FIG. 14A

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1 MSSVAATKTV CVTGASGYIA SWLVNELLQR GYTVKASVRD PNDPKKTQHL
51 ISLGGAKERL HLFKANLLEE GSFDAVVDGC EGVFHTASPF YYSVTDPQAE
101 LLDPAVKGTL NLLGSCAKAP SVKRVVLTSS IAAVAYSSEP RTEVVVDES
151 WWTSPDYCRE KQLWYVLSKT LAEDAAWKFV KEGIDMVAI NPAMVIGPLL
201 OPTLNTSSAA VLNLVNGAET YPNATFGWVN VKDVANAHIL AFENPSANGR
251 YLMVERVAHY SDILKILREL YPTMRLPEKC ADDNPLMQNY QVSKERAKSL
301 GVEFTPLEES IKETVESLKE KKFFGGSSAM (SEQ ID NO: 11)

FIG. 14B